

# Converting Colors

Hex(FF9CB2)

Have a look what the booklet for  
Hex(FF9CB2) contains.

<b>Hex(FF9CB2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F99CB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9CB2
RGB	255, 156, 178
RGB Percent	100%, 61%, 70%
CMY	0.0000, 0.3882, 0.3020
CMYK	0.00, 0.39, 0.30, 0.00
HSL	347°, 100%, 81%
HSV	347°, 39%, 100%
XYZ	61.1643, 48.2513, 48.2092
YIQ	188.1090, 51.9420, 27.8300

# Conversions

## Conversions Part 2

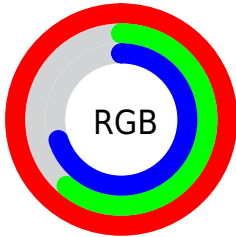
Format	Color
R <sub>Y</sub> B	255, 156, 178
Decimal	16751794
CIE Lab	74.98, 39.51, 4.43
CIE LCh	75, 39.754, 6.401
Yxy	48.2513, 0.3880, 0.3061
Android (android.graphics.Color)	4294941874 (0xFFFF9CB2)
YUV	188.1090, -4.9837, 58.6634
Hunter-Lab	69.4631, 35.6140, 7.4754

# Details

The Hex color **FF9CB2** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9CFFE9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD4EA**, and **C4677D** is the 20% darker color. If you saturate the color by 10%, you get **FF839E**, and if you desaturate by 10%, it is **FFB6C6**.

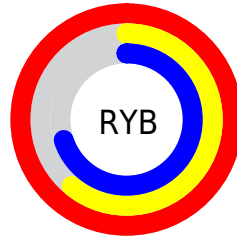
# Distribution



Red (100%)

Green (61%)

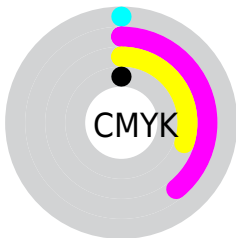
Blue (70%)



Red (100%)

Yellow (61%)

Blue (70%)

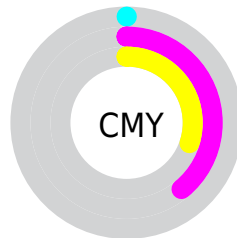


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9CB2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF9CB2 by changing the saturation by 10% instead.



 FF9CB2

 FF9CB2

FFFFFF

 E18197

 FFD4EA

 C4677D

 FFF0FF

 A74D65

 8B344D

 701936

 550021

 3B0009

 200001

 000000

 FF9CB2

 FF9CB2

 FF839E

 FFB6C6

 FF698A

 FFCFDA

 FF5076

 FFE9ED

 FF3663

FFFFFF

 FF1D4F

 FF033B

 FF0039

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EDA1D7



FF9CB2



FDA18F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF9CB2



A2C37C



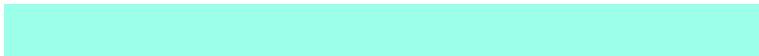
50C4FB

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FF9CB2



9CFFE9

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1BCBE3



FF9CB2



75CA9A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FF9CB2



C9B96F



42CCBF



91BAFF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9CB2



F1A87D



42CCBF



3AC7F5



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF9CB2



FFE0E7



E89CFF



806E72



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF9CB2



FF87A2



FFB69C



807376



BF002A



40000E



# Inverse Universe

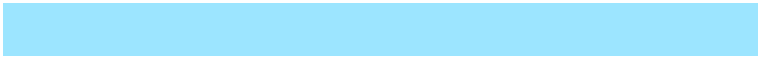
The Inverse Universe completely reimagines the original color for something new.



FF9CB2



FF87A2



9CE5FF



807376



BF002A



40000E



# Previews

## White Background



This preview shows how the Hex color FF9CB2 looks on a white background.

## Color Contrast Check

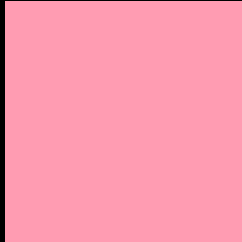
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FF9CB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF9CB2 Background



This preview shows how black text looks on a background with the Hex color FF9CB2.

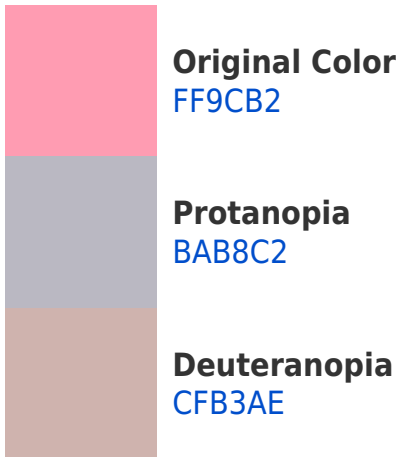


This preview shows how white text looks on a background with the Hex color FF9CB2.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
FE9DA9

# Trichromacy



**Original Color**  
FF9CB2



**Protanomaly**  
D3AEBC



**Deuteranomaly**  
E0ABAF



**Tritanomaly**  
FE9DAC

# Monochromacy



**Original Color**  
FF9CB2



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D4B0B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9CB2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF9CB2 looks like.

```
.text, #text, p{  
  color:#FF9CB2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF9CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9CB2
}
```

## Border

The CSS property to change the border of an element to Hex FF9CB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF9CB2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF9CB2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF9CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9CB2; -webkit-box-shadow:4px 4px  
4px 4px #FF9CB2; box-shadow:4px 4px 4px  
4px #FF9CB2 }
```

# Background

The CSS property to change the background color of an element to Hex FF9CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9CB2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF9CB2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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